

Converting Colors

Hex(5DAE70)

Have a look what the booklet for
Hex(5DAE70) contains.

Hex(5DAE70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DAE70)

Conversions

Conversions Part 1

Format	Color
Hex	5DAE70
RGB	93, 174, 112
RGB Percent	36%, 68%, 44%
CMY	0.6353, 0.3176, 0.5608
CMYK	0.47, 0.00, 0.36, 0.32
HSL	134°, 33%, 52%
HSV	134°, 47%, 68%
XYZ	22.5749, 33.7691, 20.6575
YIQ	142.7130, -28.3740, -36.4540

Conversions

Conversions Part 2

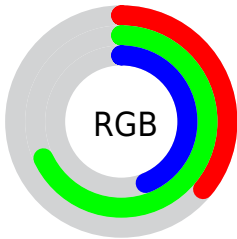
Format	Color
RYB	93, 159, 174
Decimal	6139504
CIELab	64.78, -38.54, 24.35
CIELCh	65, 45.588, 147.712
Yxy	33.7691, 0.2932, 0.4386
Android (android.graphics.Color)	4284329584 (0xFF5DAE70)
YUV	142.7130, -15.1415, -43.5983
Hunter-Lab	58.1112, -32.3514, 19.6013

Details

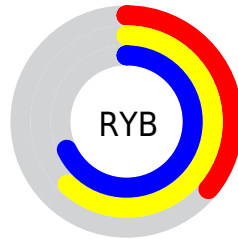
The Hex color **5DAE70** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE5D9B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **94E6A4**, and **25793F** is the 20% darker color. If you saturate the color by 10%, you get **4CAE63**, and if you desaturate by 10%, it is **6EAE7D**.

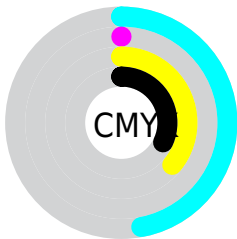
Distribution



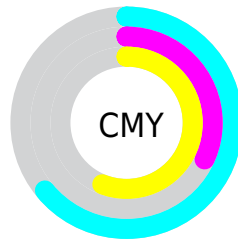
- Red (36%)
- Green (68%)
- Blue (44%)



- Red (36%)
- Yellow (62%)
- Blue (68%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DAE70 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5DAE70 by changing the saturation by 10% instead.

 5DAE70

 5DAE70

FFFFFF

 429357

 94E6A4

 25793F

 AFFFBF

 005F28

 CCFFDB

 004712

 E9FFF8

 003000

 001900

 000000

 5DAE70

 5DAE70

 4CAE63

 6EAE7D

 3AAE55

 80AE8B

 29AE48

 91AE98

 17AE3B

 A3AEA5

 06AE2D

 B4AEB3

 00AE29

 C5AEC0

 D7AECD

 E8AEDB

 FAAEE8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FA652



5DAE70



00B299

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5DAE70



4EA2EE



E97F79

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5DAE70



AE5D9B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E67BA2



5DAE70



9B94E5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5DAE70



00ACE1



CD84C9



D88B59

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5DAE70



00B2B5



CD84C9



EB7C86

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5DAE70



C3E3CB



9BAE5D



5F7364



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5DAE70



64E382



5DAE98



4E5750



009623



001705

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



AE5D9B



E364C5



AE5D73



574E55



960073



170012

Previews

White Background



This preview shows how the Hex color 5DAE70 looks on a white background.

Color Contrast Check

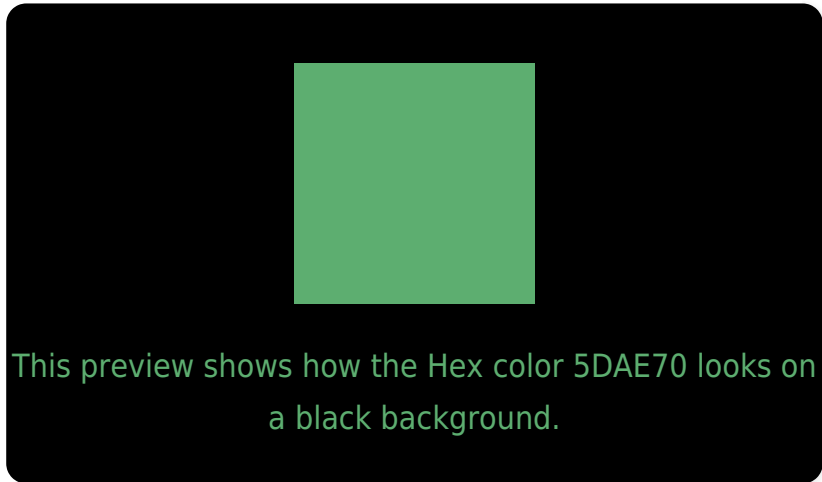
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

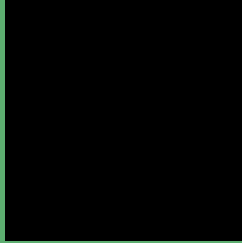
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DAE70 Background



This preview shows how black text looks on a background with the Hex color 5DAE70.

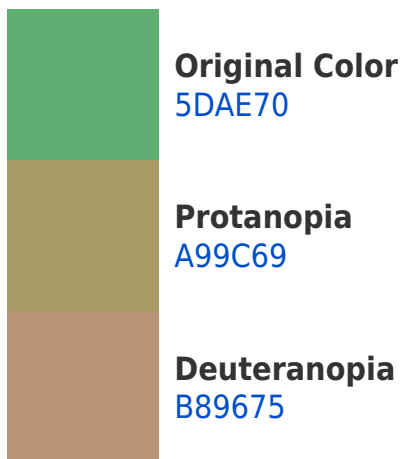


This preview shows how white text looks on a background with the Hex color 5DAE70.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

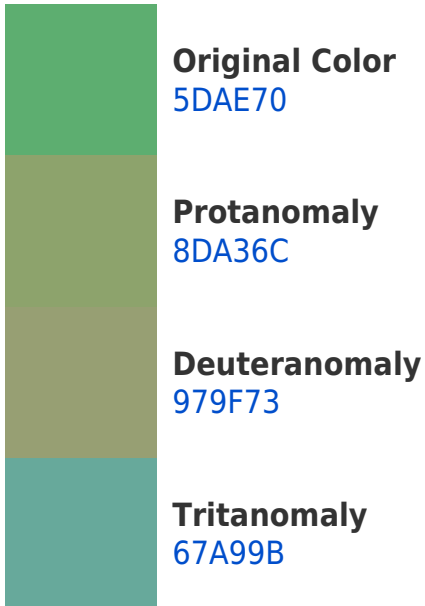
Dichromacy



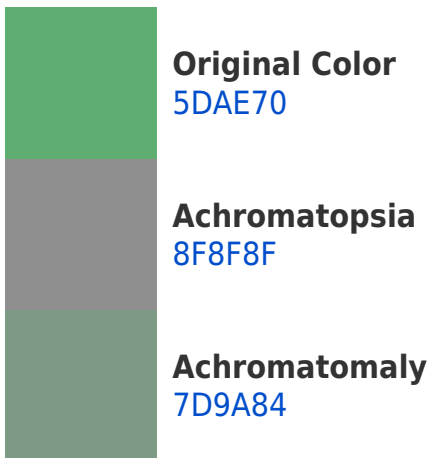


Tritanopia
6CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DAE70 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5DAE70 looks like.

```
.text, #text, p{  
    color:#5DAE70  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5DAE70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAE70
}
```

Border

The CSS property to change the border of an element to Hex 5DAE70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5DAE70 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5DAE70 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5DAE70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAE70; -webkit-box-shadow:4px 4px  
4px 4px #5DAE70; box-shadow:4px 4px 4px  
4px #5DAE70 }
```

Background

The CSS property to change the background color of an element to Hex 5DAE70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAE70 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5DAE70 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor